

IFWO

RAW SEQUENCE LISTING

DATE: 08/05/2004

PATENT APPLICATION: US/10/783,534 TIME: 10:59:45

Input Set : A:\08797~1.txt

3	<110>	APPLICANT: Mead, David A.	
4		Godiska, Ronald	
6	<120>	TITLE OF INVENTION: CLONING VECTORS AND VECTOR COMPONENTS	
8	<130>	FILE REFERENCE: MICRO-08797	
10	<140>	CURRENT APPLICATION NUMBER: 10/783,534	
		CURRENT FILING DATE: 2004-02-20	
13	<160>	NUMBER OF SEQ ID NOS: 128	
15	<170>	SOFTWARE: PatentIn version 3.2	··· (
17	<210>	SOFTWARE: Patentin version 3.2 SEQ ID NO: 1 LENGTH: 46 TYPE: DNA	-1
18	<211>	LENGTH: 46	_\
		ORGANISM: Artificial Sequence	
		FEATURE:	
		OTHER INFORMATION: Synthetic	
		SEQUENCE: 1	
		taac ccgggtttaa acgttgtgtc tcaaaatatc tgatgt	46
		SEQ ID NO: 2	
		LENGTH: 78	
		TYPE: DNA	
		ORGANISM: Artificial Sequence	
		FEATURE:	
		OTHER INFORMATION: Synthetic	
		SEQUENCE: 2	
		tccc gggagtcaaa agcctccggt cggaggcttt tgactttctg cttagaaaaa	60
		cgagc atcaaatg	78
		SEQ ID NO: 3	
		LENGTH: 51	
		TYPE: DNA	
		ORGANISM: Artificial Sequence	
		FEATURE:	
		OTHER INFORMATION: Synthetic	
		SEQUENCE: 3	51
		gttaa ceegggeeta etaggeettg ateggeaegt aagaggttee a SEO ID NO: 4	31
		LENGTH: 22	
		TYPE: DNA	
		ORGANISM: Artificial Sequence	
		FEATURE:	
		OTHER INFORMATION: Synthetic	
		SEQUENCE: 4	
		ecceg cectgecact ca	22
		SEQ ID NO: 5	~ ~
		LENGTH: 49	

RAW SEQUENCE LISTING DATE: 08/05/2004
PATENT APPLICATION: US/10/783,534 TIME: 10:59:45

Input Set : A:\08797~1.txt

69 <212> TYPE: DNA	
70 <213> ORGANISM: Artificial Sequence	
72 <220> FEATURE:	
73 <223> OTHER INFORMATION: Synthetic	
75 <400> SEQUENCE: 5	
76 ctgttaaccc gggcgcgcct gtgcgcggaa cccctatttg tttattttc	49
79 <210> SEQ ID NO: 6	
80 <211> LENGTH: 82	
81 <212> TYPE: DNA	
82 <213> ORGANISM: Artificial Sequence	
84 <220> FEATURE:	
85 <223> OTHER INFORMATION: Synthetic	
87 <400> SEQUENCE: 6	
88 tggacgtacc cgggcgcaga aaggccaccc gaaggtgagc cagtgtgatt acatttacca	60
90 atgettaate agtgaggeac et	82
93 <210> SEQ ID NO: 7	
94 <211> LENGTH: 47	
95 <212> TYPE: DNA	
96 <213> ORGANISM: Artificial Sequence	
98 <220> FEATURE:	
99 <223> OTHER INFORMATION: Synthetic	
101 <400> SEQUENCE: 7	
102 ctgttaaccc gggatttaaa tcgttgctgg cgtttttcca taggctc	47
105 <210> SEQ ID NO: 8	
106 <211> LENGTH: 36	
107 <212> TYPE: DNA	
108 <213> ORGANISM: Artificial Sequence	
110 <220> FEATURE:	
111 <223> OTHER INFORMATION: Synthetic	
113 <400> SEQUENCE: 8	
114 tggacgttaa cccgggtaga aaagatcaaa ggatct	36
117 <210> SEQ ID NO: 9	
118 <211> LENGTH: 46	
119 <212> TYPE: DNA	
120 <213> ORGANISM: Artificial Sequence	
122 <220> FEATURE:	
123 <223> OTHER INFORMATION: Synthetic	
125 <400> SEQUENCE: 9	
126 cactgttaac ccgggaattg acataagcct gttcggttcg	46
129 <210> SEQ ID NO: 10	
130 <211> LENGTH: 93	
131 <212> TYPE: DNA	
132 <213> ORGANISM: Artificial Sequence	
134 <220> FEATURE:	
135 <223> OTHER INFORMATION: Synthetic	
137 <400> SEQUENCE: 10	
137 <400> SEQUENCE: 10 138 gtgacaaccc gggcagatta aaacgaaagg cccagtcttt cgactgagcc tttcgtttta	60
	93
140 tttgtttagg tggcggtact tgggtcgata tca	23
143 <210> SEQ ID NO: 11	

RAW SEQUENCE LISTING DATE: 08/05/2004 PATENT APPLICATION: US/10/783,534 TIME: 10:59:45

Input Set : A:\08797~1.txt

144	<211> LENGTH: 44	
145	<212> TYPE: DNA	
146	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 11	
	cagtgtcact ccatggccat gattacgcca agcttgcatg cctg	44
	<210> SEQ ID NO: 12	
	<211> LENGTH: 46	
	<212> TYPE: DNA	
_	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
161	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 12	
	cagtgtcact cccatggctg tttcctgtgt gaaattgtta tccgct	46
	<210> SEQ ID NO; 13	
	<211> LENGTH: 42	
	<212> TYPE: DNA	
170	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
173	<223> OTHER INFORMATION: Synthetic	
175	<400> SEQUENCE: 13	
176	tgtcactcca tgggacgttt atatagtggt aatctggcag ca	42
179	<210> SEQ ID NO: 14	
180	<211> LENGTH: 44	
181	<212> TYPE: DNA	
182	<213> ORGANISM: Artificial Sequence	
184	<220> FEATURE:	
185	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 14	
	ctgactcgaa ttcttacttc cagtccttca actggtcata cata	44
	<210> SEQ ID NO: 15	
	<211> LENGTH: 30	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 15	
	cattaggcac cccaggcttt acactttatg	30
	<210> SEQ ID NO: 16	
	<211> LENGTH: 40	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 16	
	ttattacttc cagtccttca actggtcata catatggttc	40
	<210> SEQ ID NO: 17	
216	<211> LENGTH: 29	

RAW SEQUENCE LISTING

DATE: 08/05/2004 TIME: 10:59:45

PATENT APPLICATION: US/10/783,534

Input Set : A:\08797~1.txt

	<212> TYPE: DNA	
218	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
221	<223> OTHER INFORMATION: Synthetic	
223	<400> SEQUENCE: 17	
	ggaggtcgac gcagttgtaa acgttaata	29
227	<210> SEQ ID NO: 18	
228	<211> LENGTH: 43	
229	<212> TYPE: DNA	
230	<213> ORGANISM: Artificial Sequence	
232	<220> FEATURE:	
233	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 18	
236	cagactgtgc aagctttgca tttacgcccc gccctgccac tca	43
	<210> SEQ ID NO: 19	
	<211> LENGTH: 24	
241	<212> TYPE: DNA	
242	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 19	
	tcctctagag tcgacctgca ggca	24
	<210> SEQ ID NO: 20	24
	<211> LENGTH: 26	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 20	
	ccgggtaccg agctcgaatt ctagca	26
	<210> SEQ ID NO: 21	20
	<211> LENGTH: 49	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 21	
	ctctgagaat tcatctgcag ctcgccacgt tcgccggctt tccccqtca	49
	<210> SEQ ID NO: 22	49
	<211> LENGTH: 53	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 22	
	tgcacgaatt cttgctgcag ttgtaaacgt taatattttg ttaaaattcg cgt	E 2
204	<210> SEQ ID NO: 23	53
	<210> SEQ 1D NO: 23 <211> LENGTH: 24	
	<211> LENGTH: 24 <212> TYPE: DNA	
209	CZIZZ IIFE: DINA	

RAW SEQUENCE LISTING

DATE: 08/05/2004 PATENT APPLICATION: US/10/783,534 TIME: 10:59:45

Input Set : A:\08797~1.txt

290	<213> ORGANISM: Artificial Sequence	
292	<220> FEATURE:	
293	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 23	
	atcttgtgca acgtgacatc agag	24
299	<210> SEQ ID NO: 24	
300	<211> LENGTH: 22	
	<212> TYPE: DNA	
302	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
305	<223> OTHER INFORMATION: Synthetic	
307	<400> SEQUENCE: 24	
308	cagaaagtca aaagcctccg ac	22
311	<210> SEQ ID NO: 25	
312	<211> LENGTH: 21	
313	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
317	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 25	
320	cagtactgcg atgagtggca g	21
323	<210> SEQ ID NO: 26	•
	<211> LENGTH: 22	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 26	
	gatttttgtg atgctcgtca gg	22
	<210> SEQ ID NO: 27	
	<211> LENGTH: 31	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 27	
	tgggatcgca gtggtgagta accatgcatc a	31
	<210> SEQ ID NO: 28	
	<211> LENGTH: 27	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic	
	<400> SEQUENCE: 28	
	gggaaaacag cattccaggt attagaa	27
	<210> SEQ ID NO: 29	
	<211> LENGTH: 66	
	<212> TYPE: DNA	
362	<213> ORGANISM: Artificial Sequence	

VERIFICATION SUMMARY

DATE: 08/05/2004

PATENT APPLICATION: US/10/783,534

TIME: 10:59:46

Input Set : $A:\08797~1.txt$